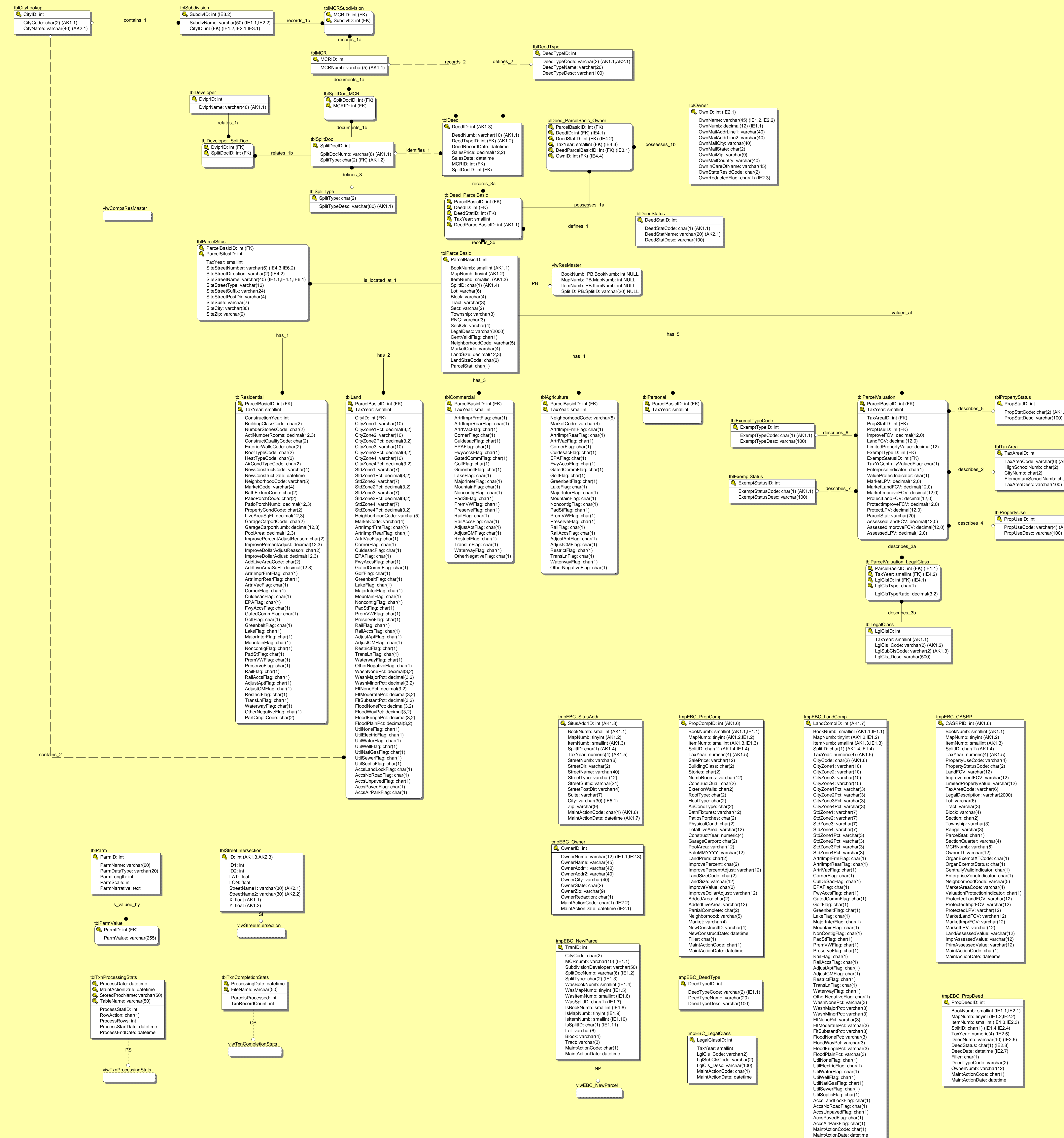
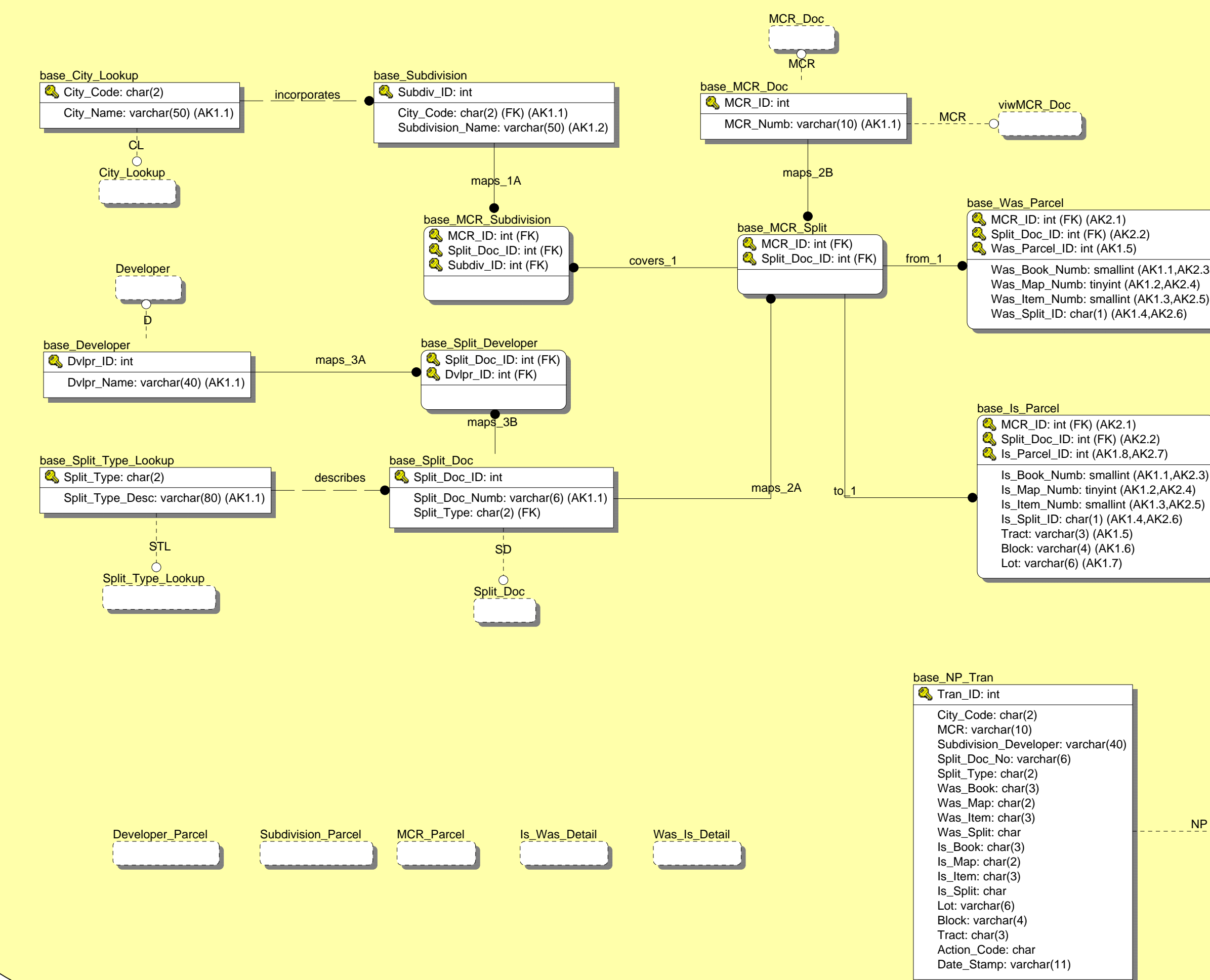


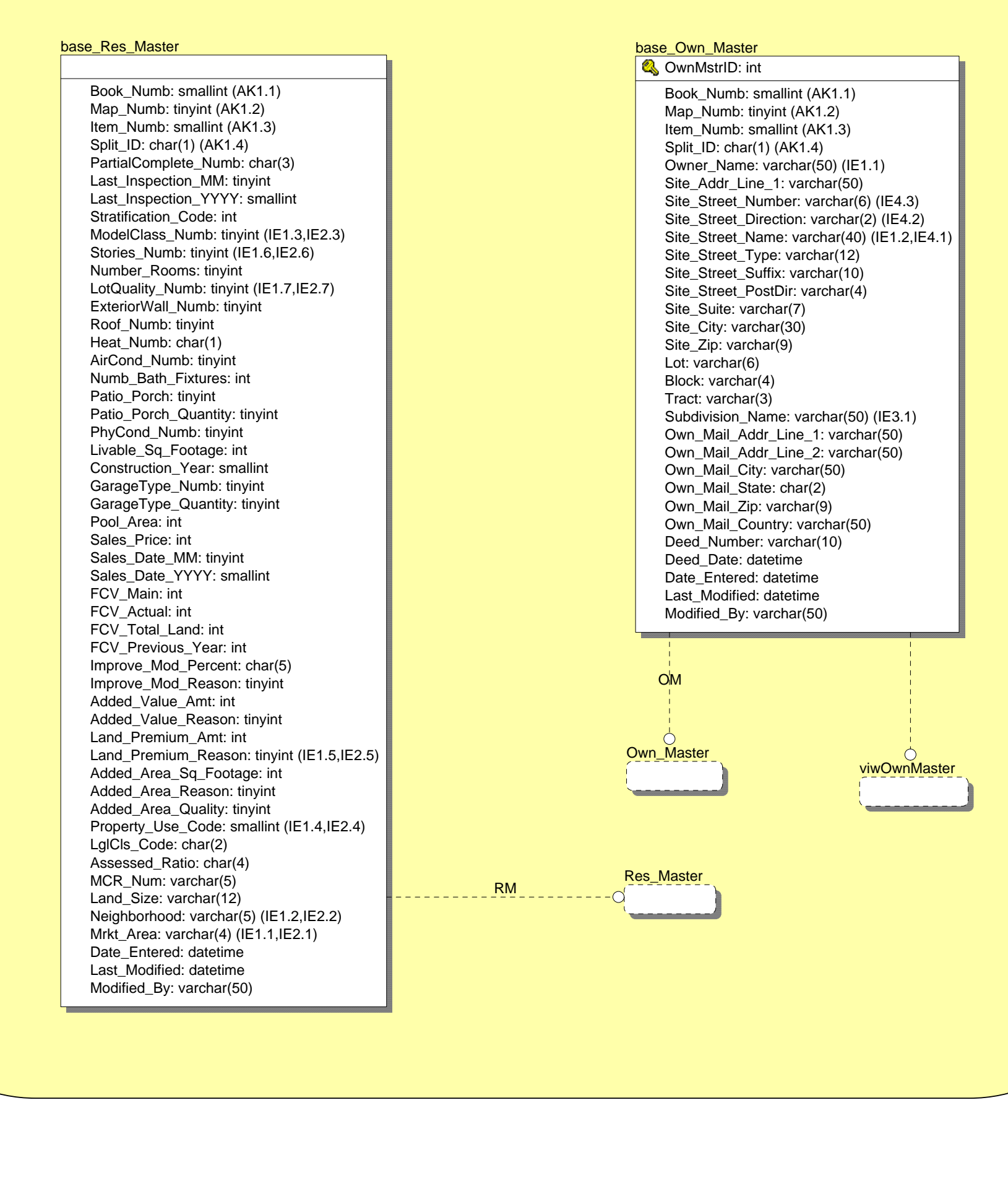
Parcel Information



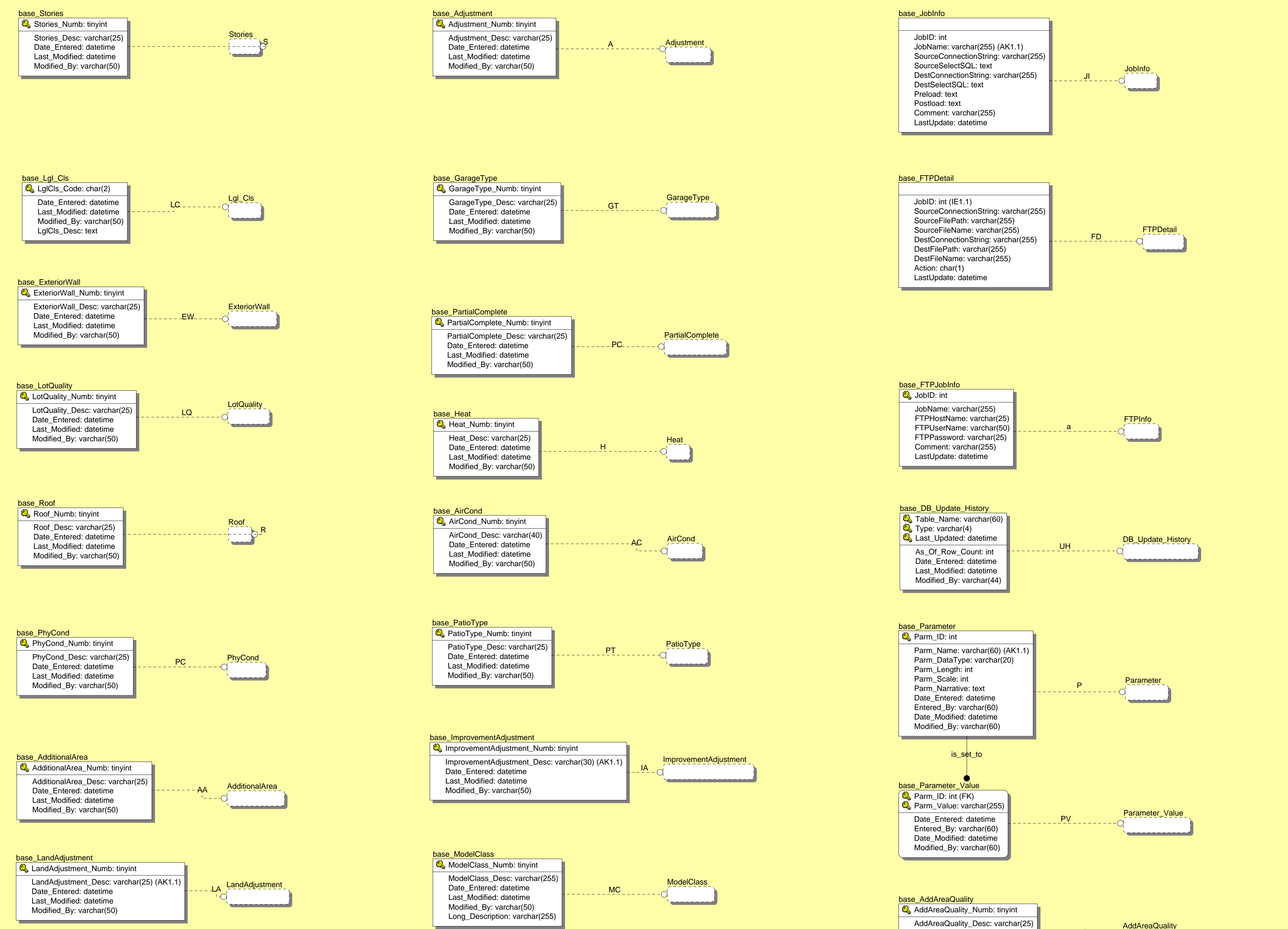
New Parcels Information



Parcel Comps Information



Lookup Tables



Rental Information

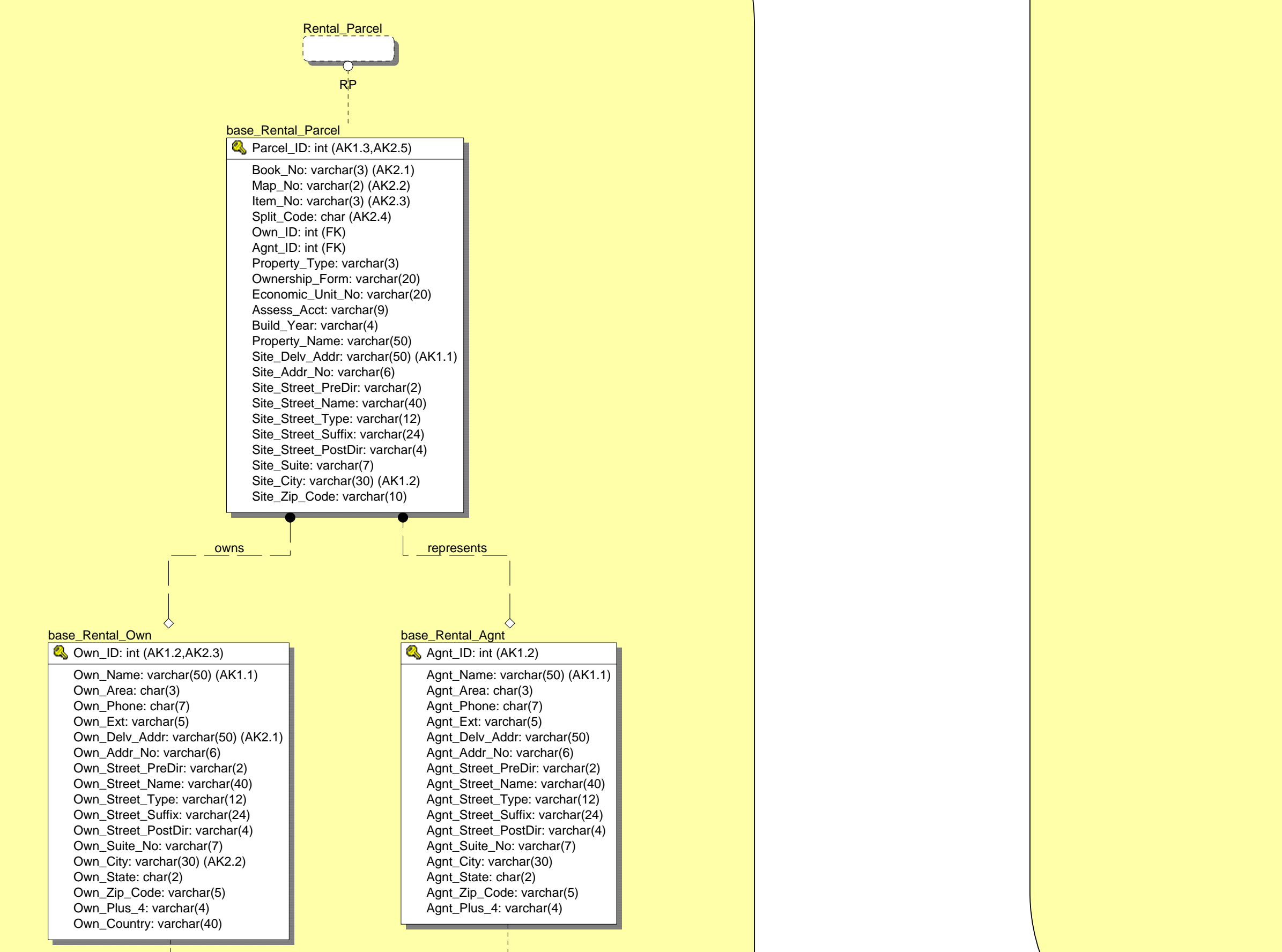


Exhibit 22 Database Inventory

CAMA, Assessment Administration, and Related Functions

(GIS not included – see GIS database inventory *Exhibit 25* and *Exhibit 26*)

Division	Database Name	Database Type	Replacement or Interface Required
IS Division	PAIS	Oracle	Replace
IS Division	DAIS	Oracle	Replace
IS Division	TAIS	Oracle	Replace
IS Division	Personal Exemption	MS Access	Replace
OCIO	EBC, Assessor Production DB	SQL Server	Interface
OCIO	EBC, Assessor Forms Production	SQL Server	Interface
CAMA Division	Vacant Land Sales Query	MS Access	Replace
CAMA Division	Residential Improved Subdivision Profile	MS Access	Replace
CAMA Division	Land Appeals	MS Access	Replace
CAMA Division	Commercial Master Files	MS Access	Replace
CAMA Division	Calculation Worksheets	MS Access	Replace If not possible, integrate
CAMA Division	Affidavit Entry Program	MS Access	Replace
Support Services Division	Weekly Report 2006	Excel	Replace
Support Services Division	Timesheet	Word	Replace
Support Services Division	Taxable to Exempt	Excel	Replace
Support Services Division	Exempt to Taxable	Excel	Replace
Support Services Division	72 Hour Splits	Excel	Replace
Support Services Division	Splits Update	Excel	Replace
Support Services Division	Orders 2	Excel	Replace
QA & Training Division	CAP Item Tracking	Excel	Replace
QA & Training Division	Residential Scan Item Tracker	Excel	Replace
Personal Property Division	Tax Year Link file	Excel	Replace
Personal Property Division	Lease List	Excel	Replace
Personal Property Division	Leasing Company Work-File	Excel	Replace
Personal Property Division	Formatted to Unix Server	Excel	Replace
Personal Property Division	Floor Page ‘Tax Year’	Excel	Replace
Personal Property Division	Individual Page ‘Tax Year’	Excel	Replace
Personal Property Division	Prorate Dep-Rates Tables	Excel	Replace
Personal Property Division	Prorate Leasing Companies Work-File	Excel	Replace
Personal Property Division	New E-Filer	Excel	Replace
Personal Property Division	Mobile Home Park Report	Excel	Replace
Personal Property Division	Mobile Home Dealer Report	Excel	Replace
Personal Property Division	MH Parks 2007	MS Access	Replace
Personal Property Division	MH Parks 2006 Appeals	MS Access	Replace
Personal Property Division	IPR Roll 2005	MS Access	Replace

Division	Database Name	Database Type	Replacement or Interface Required
Personal Property Division	IPR\Deletes – Non_Ass'd	MS Access	Replace
Personal Property Division	Audit Database 2003	MS Access	Replace
Personal Property Division	Affidavit of Affixture Tracking	Excel	Replace
Real Property Division	Split_land allocate	Excel	Replace
Real Property Division	AGECALC	Excel	Replace
Real Property Division	Damage	Excel	Replace
Real Property Division	Enterprise Zone	Excel	Replace
Real Property Division	Historic	Excel	Replace
Real Property Division	Notice of Correction Letter	Word	Replace
Real Property Division	Partial Complete	Excel	Replace
Real Property Division	Appeals Analysis	Excel	Replace
Real Property Division	Partial Remodel	Excel	Replace
Real Property Division	Resolutions	Excel	Replace
Real Property Division	RobLPV	Excel	Replace
Real Property Division	Shopping Center Master	MS Access	Replace
Real Property Division	Shopping Center Sales Master	MS Access	Integrate
Real Property Division	ASU_Retail_05	MS Access	Integrate
Real Property Division	Resort Model	MS Access	Integrate
Real Property Division	Resort Cost	MS Access	Integrate

Individual database inventory sheets for each of the above listed databases are located in the pages to follow.

DATABASE NAME: PAIS (Production Database)	
Purpose	The primary CAMA/Assessment Administration database for the Assessor's Office. This database includes secured, unsecured and GIS data.
Owned By (Division/Department)	Information Services Division
Users (Residential Appraisers, GIS Technicians, etc.)	<ul style="list-style-type: none"> - Appraisers - Management - Other Internal Staff Members - Other Agencies - Public
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Oracle 10G
Transaction Volumes	40,000 – 50,000 transactions/day
Current Interfaces	Oracle Forms, Oracle Reports, SQR, DB Access Tools
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry, Batch programs (SQR), Imported files from other agencies
System Outputs (Reports)	SQR, Oracle Reports, Data Files, Micro Fiche
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: DAIS (Development Test Database)	
Purpose	The CAMA/Assessment Administration database instance used for development purposes.
Owned By (Division/Department)	Information Services Division
Users (Residential Appraisers, GIS Technicians, etc.)	Software Developers
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Oracle 10G
Transaction Volumes	Individual developer creates own schema
Current Interfaces	Oracle Forms, Oracle Reports, SQR, DB Access Tools
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry, Batch programs (SQR), Imported files from other agencies
System Outputs (Reports)	SQR, Oracle Reports, Data Files
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: TAIS (Test Database)	
Purpose	The CAMA/Assessment Administration database instance used for testing.
Owned By (Division/Department)	Information Services Division
Users (Residential Appraisers, GIS Technicians, etc.)	- Software Developers - Appraisers
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Oracle 10G
Transaction Volumes	Varies based tests being conducted.
Current Interfaces	Oracle Forms, Oracle Reports, SQR, DB Access Tools
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry, Batch programs (SQR), Imported files from other agencies
System Outputs (Reports)	SQR, Oracle Reports, Data Files
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Personal Exemption	
Purpose	This database is used for conducting a mail merge to facilitate hard copy mailing of Personal Exemption forms.
Owned By (Division/Department)	Information Services Division
Users (Residential Appraisers, GIS Technicians, etc.)	- Information Services Staff - Operations Staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access
Transaction Volumes	9,000 transactions/year
Current Interfaces	
System Inputs (Manual Data Entry, Import from System X, etc.)	SQR loads file into Access DB
System Outputs (Reports)	Personal Exemption Form
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: EBC Assessor Production Database	
Purpose	This database is used to support the Assessor's Office website.
Owned By (Division/Department)	Maricopa County's Office of the Chief Information Officer (OCIO)
Users (Residential Appraisers, GIS Technicians, etc.)	<ul style="list-style-type: none"> - Public/Private Sector Businesses - Assessor's Office Staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	SQL Server
Transaction Volumes	60,000 – 70,000 updates/day (nightly update) Unknown number of daily requests.
Current Interfaces	FTP file uploads, public website access
System Inputs (Manual Data Entry, Import from System X, etc.)	Upload daily transactions via FTP during nightly batch run.
System Outputs (Reports)	Downloadable mailing lists, and display of data via website pages
To be replaced by proposed Vendor system or interface required?	Interface required (preferably an ODBC connection to a data-mart containing appropriate Assessor's Office data)

DATABASE NAME: EBC Assessor Forms Production Database	
Purpose	This database is used to support the Assessor's Office website by storing data input by citizens regarding appeals and residential rental property registrations.
Owned By (Division/Department)	Maricopa County's Office of the Chief Information Officer (OCIO)
Users (Residential Appraisers, GIS Technicians, etc.)	<ul style="list-style-type: none"> - Public/Private Sector Businesses - Assessor's Office Staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	SQL Server
Transaction Volumes	Relatively low
Current Interfaces	FTP file downloads, public website access
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry by citizens
System Outputs (Reports)	Extract files for appeals and rental property registrations which are provided to the Assessor's Office.
To be replaced by proposed Vendor system or interface required?	Interface required to process extract data files.

DATABASE NAME: Vacant Land Sales Query	
Purpose	To provide a tool for appraisers to search for and define criteria for the selection of comparable vacant land sales. This database was created to allow modelers to access vacant land sales associated with canceled parcels (which are no longer stored in the Oracle database) in addition to active parcel sales.
Owned By (Division/Department)	CAMA Division
Users (Residential Appraisers, GIS Technicians, etc.)	- Appraisers - Modelers
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access
Transaction Volumes	Total sales in database 93,000 (dated from 1997 to present) Sales added per year - approximately 10,000 – 12,000
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Weekly import of file “Land Comp Update File” from Oracle database (ODBC connection from SPSS)
System Outputs (Reports)	Comparable Sales Reports – 2 types: - Detailed Comparable Sales - Condensed Comparable Sales
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Residential Improved Subdivision Profile	
Purpose	To provide appraisers with the ability to search for typical sale prices for a subdivision. Also provides access to subdivision profile information including # of sales, mean sale, median sale, and related statistical summary information.
Owned By (Division/Department)	CAMA Division
Users (Residential Appraisers, GIS Technicians, etc.)	- Appraisers - Modelers
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access
Transaction Volumes	12,500 subdivision profiles currently maintained
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Import of file "Residential Subdivision Profile" from Oracle database (ODBC connection from SPSS)
System Outputs (Reports)	Subdivision Profile Report (see sample)
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Land Appeals	
Purpose	To manage appeals associated with vacant land parcels. Information tracked includes appeal status, appeal number, appeal level, hearing date, and hearing time.
Owned By (Division/Department)	CAMA Division
Users (Residential Appraisers, GIS Technicians, etc.)	<ul style="list-style-type: none"> - Land Appraisers - Data Entry Clerks - CAMA Manager
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access
Transaction Volumes	Approximately 26,000 land parcel appeals per year
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	<ul style="list-style-type: none"> - Import of file "Appeal Data Extract 20XX" from Oracle database (ODBC connection from SPSS) - Manual Input of data fields including: <ul style="list-style-type: none"> - Completed and reviewed - Review appraiser ID - Appeal - Date received - Appraiser assigned - Meeting date - Decision - Comments - SBOE meeting - SBOE decision - Re-Route
System Outputs (Reports)	<ul style="list-style-type: none"> - Export used to view appeals in GIS (.dbf) - Export of file into SPSS to perform statistical summaries

	<p>pertaining to task volumes (ODBC connection to SPSS)</p> <ul style="list-style-type: none"> - Summary reports indicating total number of appeals/total number of parcels
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Commercial Master Files	
Purpose	<p>To store information associated with commercial sales. Functions include the ability to:</p> <ul style="list-style-type: none"> - categorize sales by region - assign parcel inspection tasks - qualification of sales - track & analyze sales task statistics - perform quality assurance review of inspections
Owned By (Division/Department)	CAMA Division
Users (Residential Appraisers, GIS Technicians, etc.)	<ul style="list-style-type: none"> - Appraisers - Real Property Manager
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access
Transaction Volumes	2,500 – 3,000 commercial sales per year
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	<ul style="list-style-type: none"> - Import of file “Commercial Sales for Appraiser Review” from Oracle database (ODBC connection from SPSS) - Manual data entry – for updates to the file information pertaining to the sale qualification and inspection process
System Outputs (Reports)	<p>Reports include:</p> <ul style="list-style-type: none"> - Work Report – indicates situs address associated with sales - Callback Report – indicates properties that require a re-visit and reason for re-visit - Random Sample Report – produces a random sample of parcels to be reviewed during Quality Assurance

	<ul style="list-style-type: none"> - Executive Summary – broken down by region to include # of sales, # of inspections, # of quality assurance reviews, # of callbacks, # of problems by category
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Calculation Worksheets	
Purpose	To replicate predicted assessments using characteristic data stored in the MS Access database for a single parcel or group of parcels. The characteristics associated with parcels from Tax Year 2003 to present are stored in this database.
Owned By (Division/Department)	CAMA Division
Users (Residential Appraisers, GIS Technicians, etc.)	<ul style="list-style-type: none"> - Appraisers - Modelers
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access
Transaction Volumes	<ul style="list-style-type: none"> - 75 models/year on average - Approximately 60,000 transactions per year (includes addition of characteristics or running a calculation)
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	<ul style="list-style-type: none"> - Import of files from Oracle database (ODBC connection from SPSS) – to retrieve parcel characteristic data - Manual data entry to change characteristics - Manual data entry by modeler to create/change model
System Outputs (Reports)	Calculation worksheet printout
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Affidavit Entry Program	
Purpose	Being created to eliminate the need for the use of paper affidavits during the process of affidavit data entry. This database will provide a hotlink to the Recorder's Office website to view affidavits electronically. It also provides a basic workflow process for data entry of affidavits.
Owned By (Division/Department)	CAMA Division
Users (Residential Appraisers, GIS Technicians, etc.)	- Data Entry Clerks - Modelers
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access
Transaction Volumes	Approximately 115,000/year
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Import of file "Affidavit Entry Program " from Oracle database (ODBC connection from SPSS)
System Outputs (Reports)	Workflow Report – a summary report indicating affidavit entry volume broken down by employee
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Weekly Report 2006	
Purpose	To provide a workflow tracking tool for generation of statistics pertaining to Support Service (Front Counter Staff) tasks.
Owned By (Division/Department)	Support Services Division
Users (Residential Appraisers, GIS Technicians, etc.)	- Records Managers - Front Counter Staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Entered Daily, Reviewed by Management Weekly
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual input
System Outputs (Reports)	Not applicable
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Timesheet	
Purpose	To provide a workflow tracking tool for tasks, employees assigned, and paperwork processed.
Owned By (Division/Department)	Support Services Division
Users (Residential Appraisers, GIS Technicians, etc.)	- Assessor Clerks - Supervisors
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Word
Transaction Volumes	Entered Daily, Reviewed by Supervisors Weekly
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual input
System Outputs (Reports)	Not applicable
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Taxable to Exempt	
Purpose	To provide a workflow tracking tool for corrections of Property Use Code, Legal Class, and Exempt Status.
Owned By (Division/Department)	Support Services Division
Users (Residential Appraisers, GIS Technicians, etc.)	- Real Property Appraisers - Supervisors
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Entered daily as required
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual input
System Outputs (Reports)	Not applicable
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Exempt to Taxable	
Purpose	To provide a workflow tracking tool for corrections of Property Use Code, Legal Class, and Exempt Status.
Owned By (Division/Department)	Support Services Division
Users (Residential Appraisers, GIS Technicians, etc.)	- Real Property Appraisers - Supervisors
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Entered Daily, Reviewed by Supervisors Weekly
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual input
System Outputs (Reports)	Not applicable
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: 72 Hour Splits – Accelerated APNs	
Purpose	To provide a workflow tracking tool for accelerated splits processing.
Owned By (Division/Department)	Support Services Division
Users (Residential Appraisers, GIS Technicians, etc.)	- Front Counter Clerks - Ownership/Title Examiners
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Entered Daily, Reviewed by Supervisors Weekly
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual Input
System Outputs (Reports)	Not applicable
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Splits Update	
Purpose	To provide a workflow tracking tool for Cost and Legal Class Corrections.
Owned By (Division/Department)	Support Services Division
Users (Residential Appraisers, GIS Technicians, etc.)	Real Property Division staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Entered Daily, Reviewed by Supervisors Weekly
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual input
System Outputs (Reports)	Not applicable
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Orders 2	
Purpose	To provide a list of owners who have property redacted by order/date.
Owned By (Division/Department)	Support Services Division
Users (Residential Appraisers, GIS Technicians, etc.)	- Supervisor Records Management - Supervisor Front Counter
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	2005 – Average of 33/month 2006 – Average of 44/month
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual Input
System Outputs (Reports)	Not applicable
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: CAP Item Tracking	
Purpose	To provide a tracking tool for items returned to appraisers via the CAP program.
Owned By (Division/Department)	QA and Training Division
Users (Residential Appraisers, GIS Technicians, etc.)	QA/Training staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Entered daily, reviewed weekly
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual Input
System Outputs (Reports)	Not applicable
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Residential Scan Item Tracker	
Purpose	To provide a tool for tracking the number of items scanned with the residential scan sheet program.
Owned By (Division/Department)	QA and Training Division
Users (Residential Appraisers, GIS Technicians, etc.)	QA/Training staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Entered daily, reviewed weekly/monthly
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual Input
System Outputs (Reports)	Not applicable
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: “Tax Year” Link file (Link 2006.xls)	
Purpose	Posting of Depreciation Tables, Assessment Rates, Tax Rates and Accelerated Depreciation Factors to support the formulas in other work-files.
Owned By (Division/Department)	Personal Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Leasing Appraiser
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Very high volume from March through June, variable throughout remaining months.
Current Interfaces	Linked to every Leasing Company work-file.
System Inputs (Manual Data Entry, Import from System X, etc.)	Manually updated Percent Good Factors from DOR manual.
System Outputs (Reports)	No physical output of its own. Output in form of calculations performed in spreadsheets linked to this files tables.
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Lease List	
Purpose	Track Appraiser progress, maintains mailing information for production of Mail Merge documents.
Owned By (Division/Department)	Personal Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Leasing Appraiser
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Very high volume from March through June, variable throughout remaining months.
Current Interfaces	Linked to Word documents.
System Inputs (Manual Data Entry, Import from System X, etc.)	Manually updated from Taxpayer returns, Appraiser workflow and system generated reports.
System Outputs (Reports)	Alpha listing report for Appraiser daily work tracking. Production of annual Cover Statements via mail merge feature of Word.
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Leasing Company Work-File	
Purpose	Annually assemble Leasing data submitted electronically for processing and posting to the Assessor's Application System.
Owned By (Division/Department)	Personal Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Leasing Appraiser
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Very high volume from March through June, variable throughout remaining months.
Current Interfaces	Linked to "Tax Year" Link file.
System Inputs (Manual Data Entry, Import from System X, etc.)	Mostly transfer of data submitted via Taxpayer Excel spreadsheet. Some hand typed from hard copy returns.
System Outputs (Reports)	Selected data is copied to a "Formatted for Unix Server" file for transfer to the Assessor's Application System for final Valuation Calculation.
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Formatted to Unix Server	
Purpose	Used to transform spreadsheet data into ASCII format for transfer onto the Assessor's Application System.
Owned By (Division/Department)	Personal Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Leasing Appraiser
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Very high volume from March through June, variable throughout remaining months.
Current Interfaces	Receives copies of selected data from Leasing Company work-files. Saves copied data in ASCII format to transfer to main server.
System Inputs (Manual Data Entry, Import from System X, etc.)	Mostly transfer of data submitted via Taxpayer Excel spreadsheet. Some hand typed from hard copy returns.
System Outputs (Reports)	File Transfer Protocol information to main server.
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Floor Page ‘tax year’ (A.K.A. work-file: Consolidated Leasing Companies)	
Purpose	Blank formatted Leasing Company work file to convert additional Leasing Companies to electronic filing under consolidated valuation notices.
Owned By (Division/Department)	Personal Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Leasing Appraiser
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Very high volume from March through June, variable throughout remaining months.
Current Interfaces	Linked to Link File “tax year”.
System Inputs (Manual Data Entry, Import from System X, etc.)	Mostly transfer of data submitted via Taxpayer Excel spreadsheet. Some hand typed from hard copy returns.
System Outputs (Reports)	Saved as the Leasing Company name for future use. Selected data copied over to the “Formatted to Unix Server” file.
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Individual Page ‘tax year’ (A.K.A. work-file: Individual Leasing Companies)	
Purpose	Blank formatted Leasing Company work file to convert additional Leasing Companies to electronic filing, while maintaining the individual lessee name and situs address.
Owned By (Division/Department)	Personal Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Leasing Appraiser
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Very high volume from March through June, variable throughout remaining months.
Current Interfaces	Linked to Link File “tax year”.
System Inputs (Manual Data Entry, Import from System X, etc.)	Mostly transfer of data submitted via Taxpayer Excel spreadsheet. Some hand typed from hard copy returns.
System Outputs (Reports)	Saved as the Leasing Company name for future use. Selected data copied over to the “Formatted to Unix Server” file.
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Prorate Dep-Rates Tables	
Purpose	Posting of Depreciation Tables, Tax Rates and Accelerated Depreciation Factors to support the formulas in other work-files.
Owned By (Division/Department)	Personal Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Leasing Appraiser
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Very high volume from October through February, variable throughout remaining months.
Current Interfaces	Linked to every Prorate Leasing Company work-file.
System Inputs (Manual Data Entry, Import from System X, etc.)	Mostly transfer of data submitted via Taxpayer Excel spreadsheet. Some hand typed from hard copy returns.
System Outputs (Reports)	No physical output of its own. Output in form of calculations performed in spreadsheets linked to this files tables.
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: work-file: Prorate Leasing Companies	
Purpose	Assemble monthly reports, calculate Prorated Full Cash Values and tabulate the Prorated Full Cash Values to one annual total for account production.
Owned By (Division/Department)	Personal Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Leasing Appraiser
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Very high volume from October through February, variable throughout remaining months.
Current Interfaces	Linked to the Prorate Dep-Rates Tables.
System Inputs (Manual Data Entry, Import from System X, etc.)	Mostly transfer of data submitted via Taxpayer Excel spreadsheet. Some hand typed from hard copy returns.
System Outputs (Reports)	Selected data copied over to the "Formatted to Unix Server" file.
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: New E-Filer	
Purpose	Assemble the electronic filed return of a Commercial Account, build 'lookup' references for the asset information to be reformatted and transferred to the Assessor's Application System for processing.
Owned By (Division/Department)	Personal Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Commercial Personal Property Appraisers
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Very high volume from March through June, variable throughout remaining months.
Current Interfaces	Receives Excel data from Taxpayers. After formatting to ASCII file, is transferred to the Assessor's Application System via FTP.
System Inputs (Manual Data Entry, Import from System X, etc.)	Mostly transfer of data submitted via Taxpayer Excel spreadsheet. Some hand typed from hard copy returns.
System Outputs (Reports)	None of its own, but is the provider of detail used by the Assessor's Application System to generate comparison reports for the E-Filing system.
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Mobile Home Park Report	
Purpose	Track receipt of monthly park reports.
Owned By (Division/Department)	Personal Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Mobile Home Clerks
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Variable throughout the year.
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	Not applicable
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Mobile Home Dealer Report	
Purpose	Track receipt of monthly Dealer reports.
Owned By (Division/Department)	Personal Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Mobile Home Clerks
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel spreadsheet
Transaction Volumes	Variable throughout the year
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	Not applicable
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: MH Parks 2007	
Purpose	Reports, database analysis, and appeal defense
Owned By (Division/Department)	Personal Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Appraiser
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Access
Transaction Volumes	
Current Interfaces	MH Parks 2006 Appeals (In-house MS Access database)
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: MH Parks 2006 Appeals	
Purpose	Reports, database analysis, and appeal defense
Owned By (Division/Department)	Personal Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Appraiser
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Access
Transaction Volumes	
Current Interfaces	MH Parks 2006 (In-house MS Access database)
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	2006 Property Value Analysis
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: IPR Roll 2005	
Purpose	Reports, database analysis
Owned By (Division/Department)	Personal Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Appraiser
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access
Transaction Volumes	
Current Interfaces	IPR \ Deletes – Non Ass’d (In-house Access database)
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	IPR Roll
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: IPR \ Deletes – Non Ass’d	
Purpose	To maintain a record of non-assessed IPRs
Owned By (Division/Department)	Personal Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Appraiser
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access
Transaction Volumes	
Current Interfaces	IPR Roll 2005 (In-house MS Access database)
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Audit Database 2003	
Purpose	Track work completed by the Personal Property Audit Division so that we can fulfill our mission of assuring that all business personal property in Maricopa County is valued fairly and equitably
Owned By (Division/Department)	Personal Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Personal Property Audit Division Staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access
Transaction Volumes	- Taxpayer Table has 600 records - Account Detail Table has 6,000 records
Current Interfaces	
System Inputs (Manual Data Entry, Import from System X, etc.)	Assessor's Computer System, Treasurer's System, Taxpayer's Information, Audit Work papers
System Outputs (Reports)	
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Affidavit of Affixture Tracking	
Purpose	To provide a repository for Affidavit of Affixture information received from the Recorder's Office.
Owned By (Division/Department)	Personal Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Appraiser
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	
Current Interfaces	
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual Input
System Outputs (Reports)	Not applicable
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: split_land allocate	
Purpose	Calculate a value that is to be assigned to several new parcels from the parent parcel as a result of a parcel split.
Owned By (Division / Department)	Real Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Real Property Splits Staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Entered periodically
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	Manual
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: AGECALC	
Purpose	To calculate an effective age for improvements
Owned By (Division / Department)	Real Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Real Property Appraisal Staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Entered periodically
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	Not applicable
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: DAMAGE	
Purpose	To calculate a value based what is remains of damaged improvements
Owned By (Division / Department)	Real Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Real Property Appraisal Staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Entered periodically
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	Manual report
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: ENTERPRISE ZONE	
Purpose	List qualifying enterprise zone properties
Owned By (Division / Department)	Real Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Real Property Appraisal Staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Entered annually
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	Manual report
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: HISTORIC	
Purpose	To calculate value for properties with Historic designation.
Owned By (Division / Department)	Real Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Real Property Appraisal Staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Entered periodically
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	Manual report
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: NOTICE OF CORRECTION LETTER	
Purpose	Several form letters for use with Notice of Corrections
Owned By (Division / Department)	Real Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Real Property Appraisal Staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Word
Transaction Volumes	Entered periodically
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	Manual report
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: PARTIAL COMPLETE	
Purpose	Calculate a value for properties partially completed
Owned By (Division / Department)	Real Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Real Property Appraisal Staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Entered periodically
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	Manual report
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: APPEALS ANALYSIS	
Purpose	Appeal analysis for appeals submitted by the taxpayer. It is used for both Assessor Level Appeal and SBOE.
Owned By (Division / Department)	Real Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Real Property Appraisal Staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Entered annually
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	Manual report
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: PARTIAL REMODEL	
Purpose	To calculate value for properties under going renovation.
Owned By (Division / Department)	Real Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Real Property Appraisal Staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Entered periodically
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	Manual report
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: RESOLUTIONS	
Purpose	Form used to make adjustments to values in oracle.
Owned By (Division / Department)	Real Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Real Property Appraisal Staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Excel
Transaction Volumes	Entered annually
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	Manual report
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: RobLPV	
Purpose	Calculate the Limited Property value based on mix use
Owned By (Division / Department)	Real Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	Real Property Appraisal Staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	Entered periodically
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	Manual report
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Shopping Center Master	
Purpose	To provide a tracking tool for generation of statistics pertaining to SAP Shopping Centers
Owned By (Division / Department)	Real Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	- SAP Supervisor - SAP Appraisal staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access
Transaction Volumes	Entered periodically
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	Manual reports
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Shopping Center Sales Master	
Purpose	To provide a tracking tool for generation of statistics pertaining to sales of SAP Shopping Centers
Owned By (Division / Department)	Real Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	- SAP Supervisor - SAP Appraisal staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access
Transaction Volumes	Entered periodically
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Import of files from COStar
System Outputs (Reports)	Manual reports
To be replaced by proposed Vendor system or interface required?	Interface required

DATABASE NAME: ASU_Retail_05	
Purpose	To provide a tracking tool for generation of statistics pertaining to ASU studies of Shopping Centers
Owned By (Division / Department)	Real Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	- SAP Supervisor - SAP Appraisal staff
Supplied By Vendor? If so, list Vendor Name and Version	ASU Business Center
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Access
Transaction Volumes	Entered periodically
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual input from provided Excel spreadsheet
System Outputs (Reports)	Manual reports
To be replaced by proposed Vendor system or interface required?	Interface required

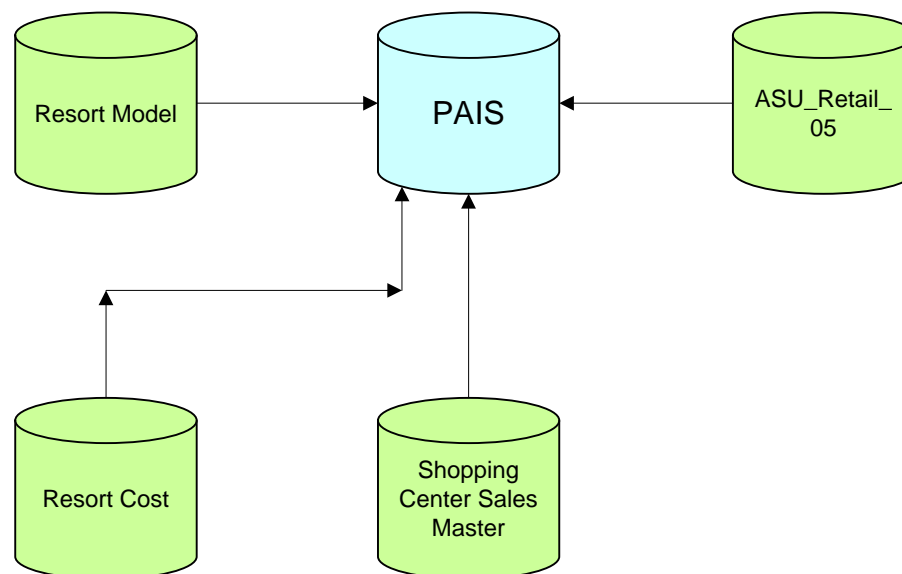
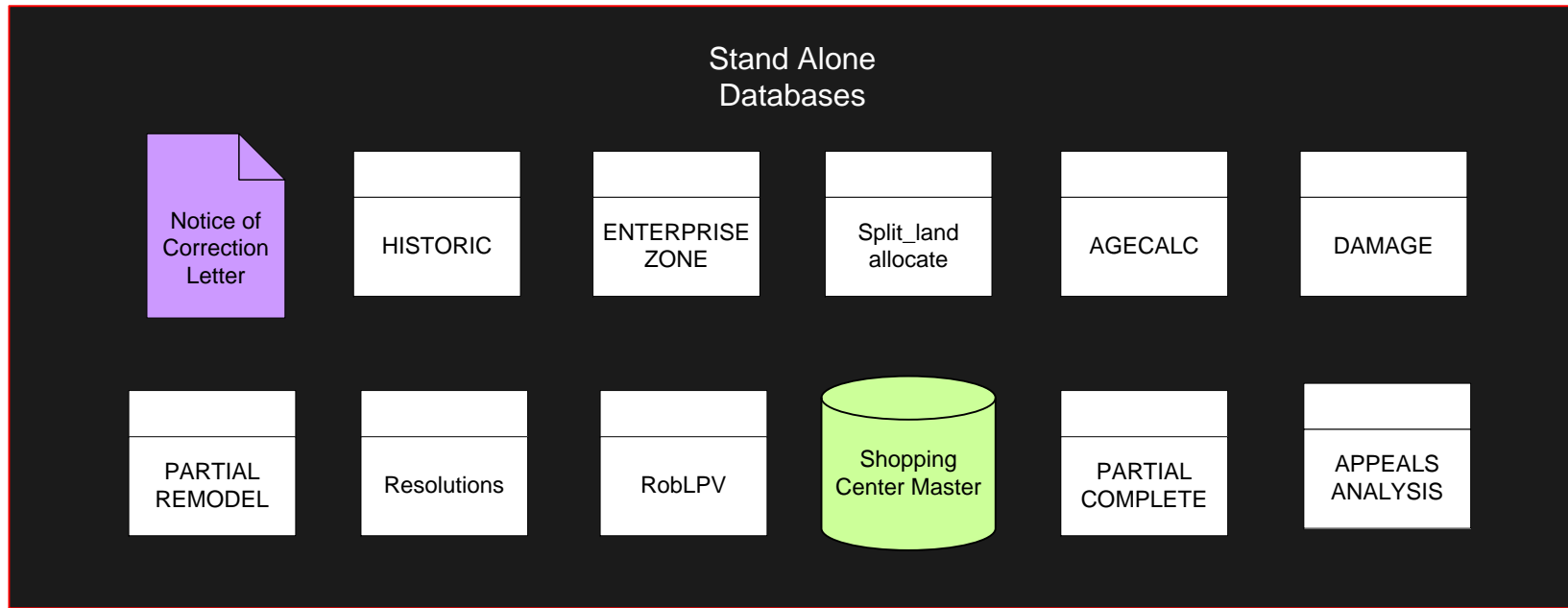
DATABASE NAME: Resort Model	
Purpose	To provide a tracking tool for generation of statistics pertaining to SAP Modeled Resorts
Owned By (Division / Department)	Real Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	- SAP Supervisor - SAP Appraisal staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access
Transaction Volumes	Entered periodically
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	Manual reports
To be replaced by proposed Vendor system or interface required?	Interface required

DATABASE NAME: Resort Cost	
Purpose	To provide a tracking tool for generation of statistics pertaining to SAP Modeled Resorts
Owned By (Division / Department)	Real Property Division
Users (Residential Appraisers, GIS Technicians, etc.)	- SAP Supervisor - SAP Appraisal staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access
Transaction Volumes	Entered periodically
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Import from Cost System
System Outputs (Reports)	Manual reports
To be replaced by proposed Vendor system or interface required?	Interface required

Real Property Database Relationships

Exhibit 23

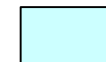
Database Types



KEY



Excel



Oracle



Access

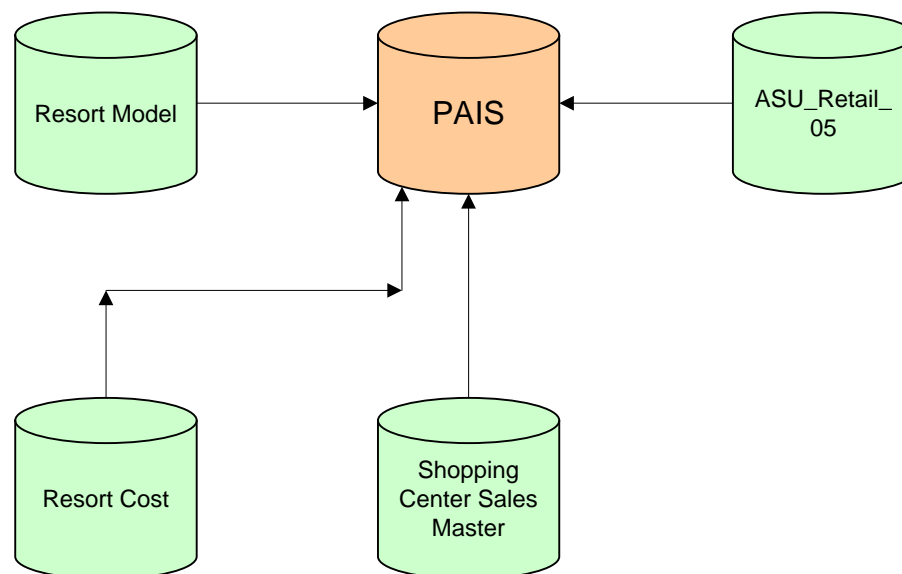
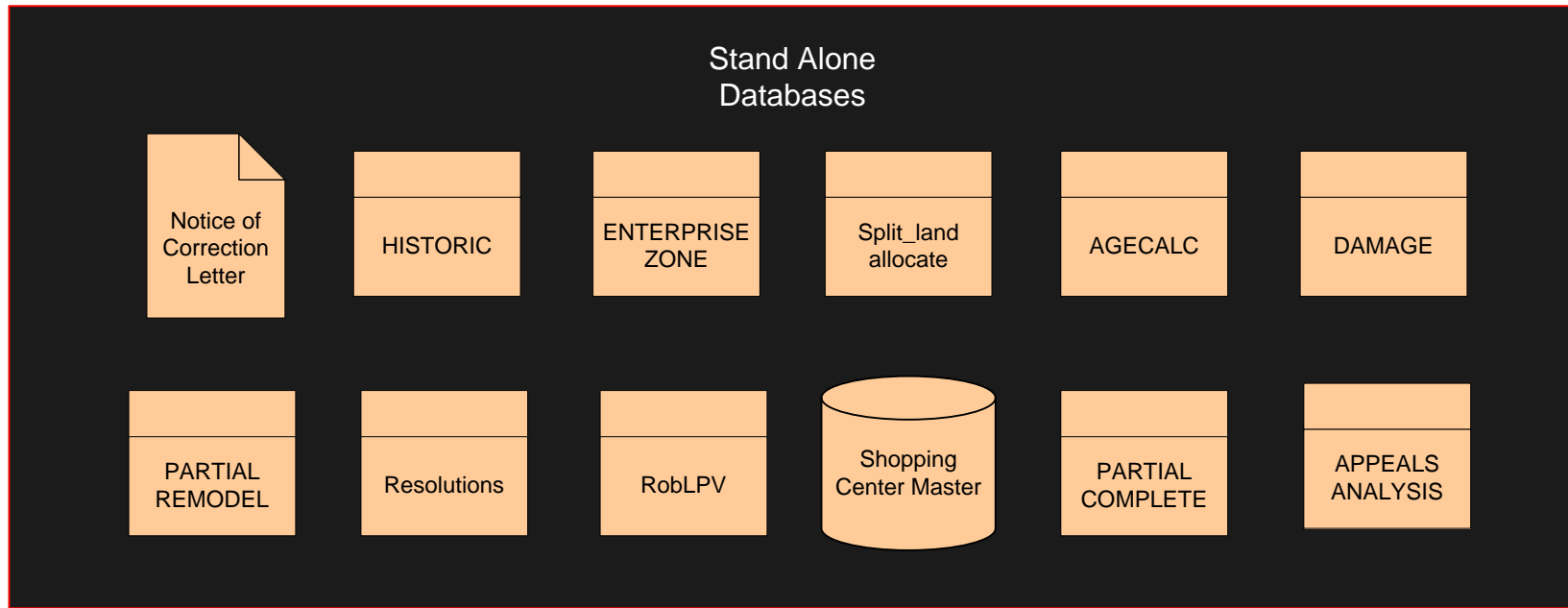


Word




Real Property Database Relationships

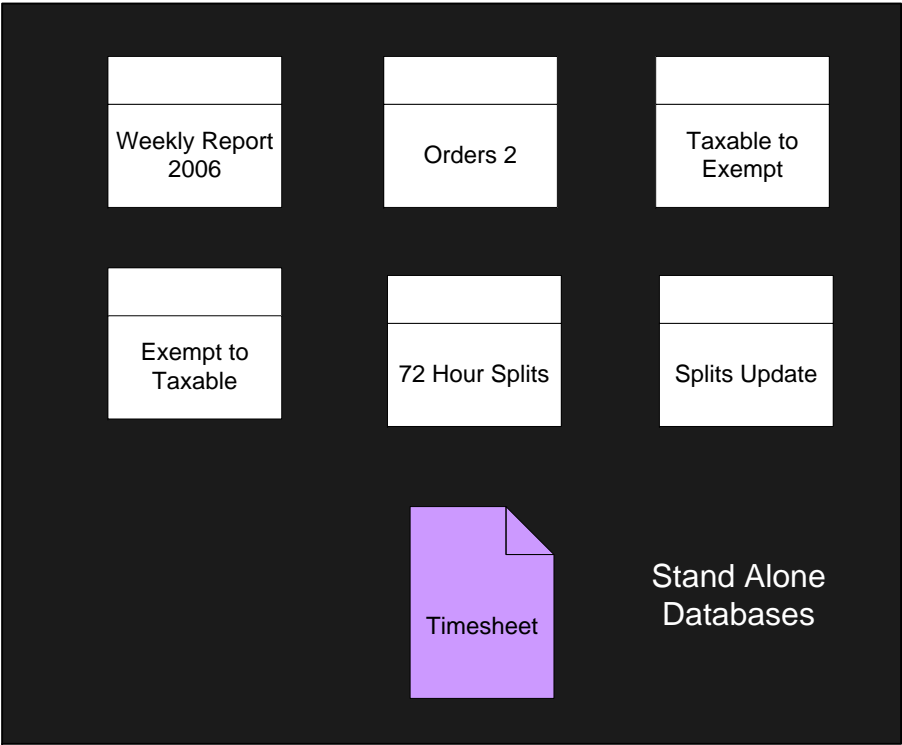
Exhibit 23

The Future





KEY

-  Replace
-  Do not replace
-  Potentially replace



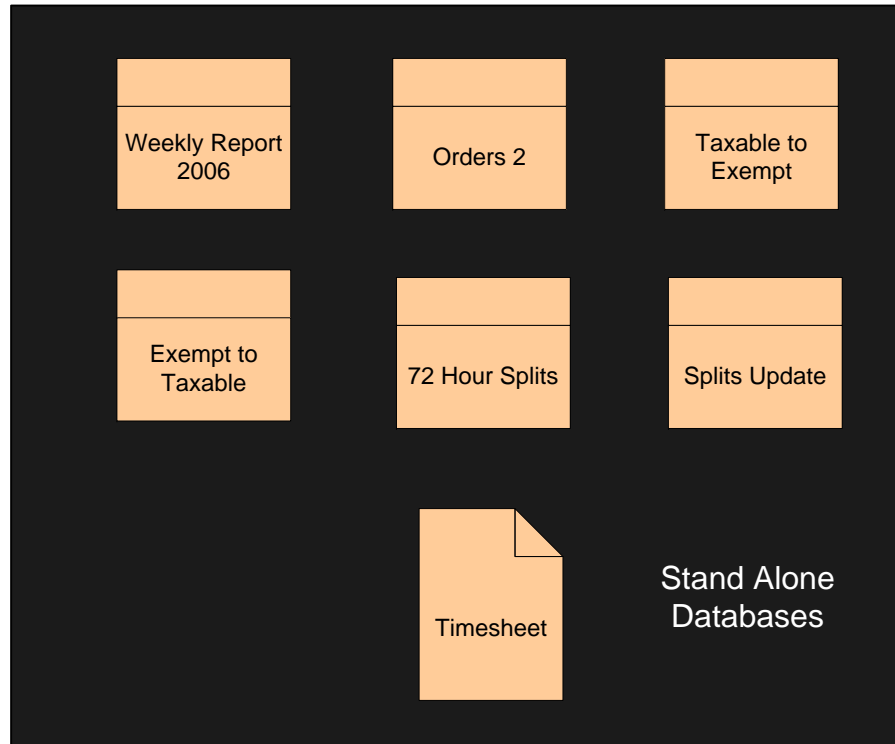
KEY

	Excel
	Word

Support Services Database Relationships

Exhibit 23

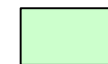
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KEY



Replace



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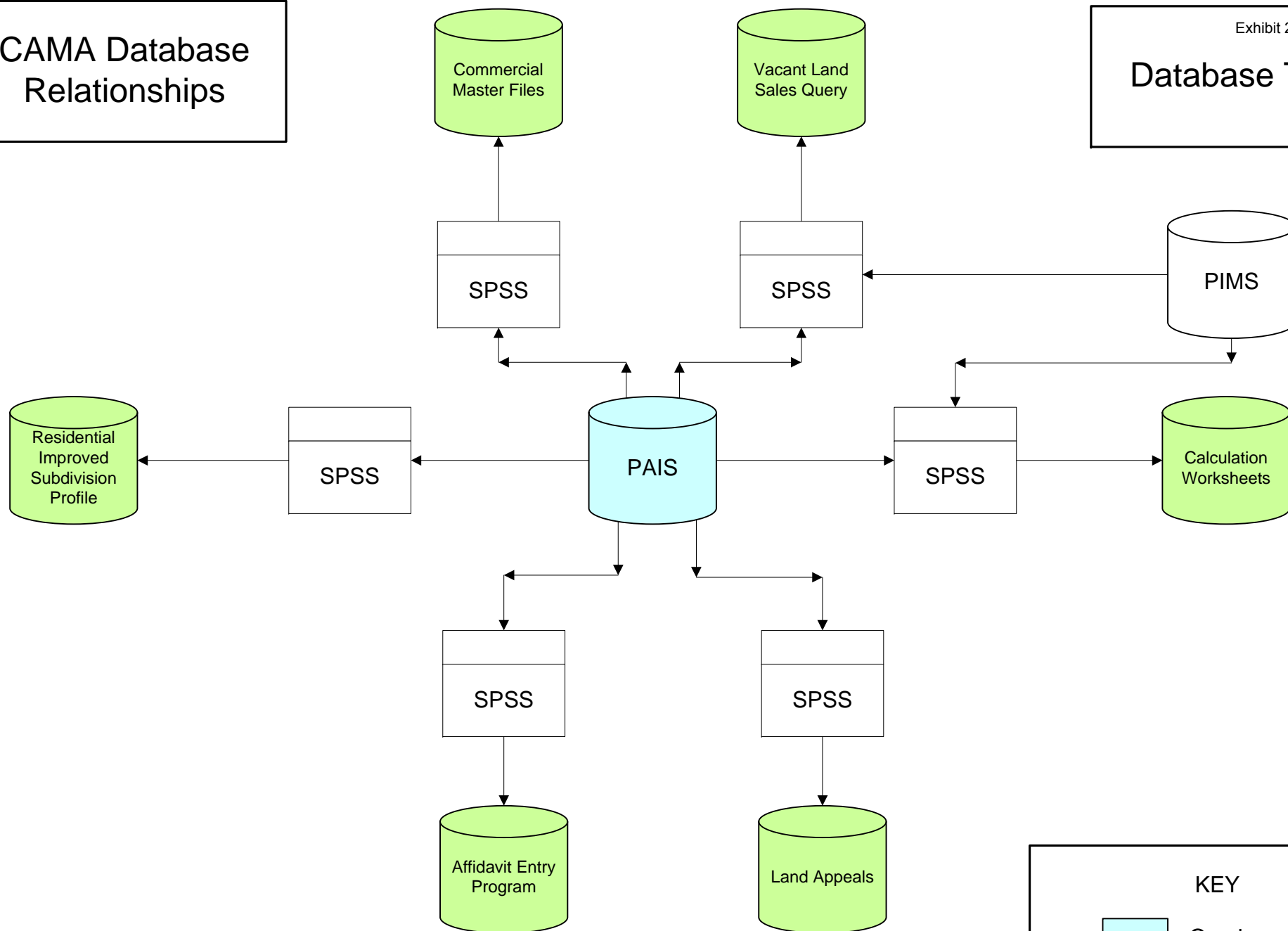


Potentially replace

CAMA Database Relationships

Exhibit 23

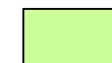
Database Types



KEY



Oracle

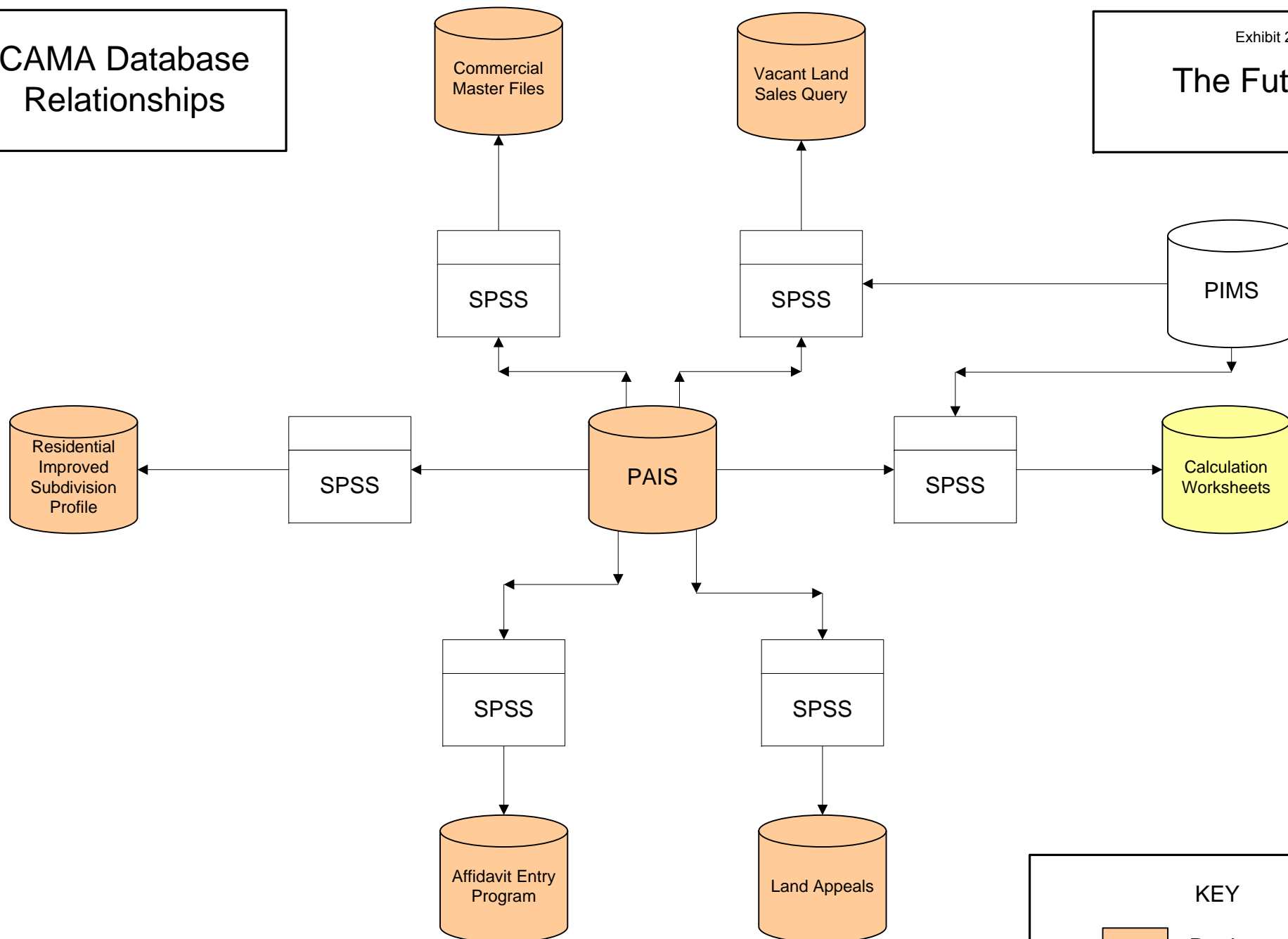


MS Access

CAMA Database Relationships

Exhibit 23

The Future



KEY



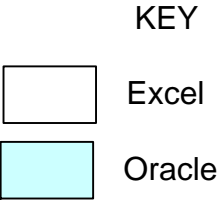
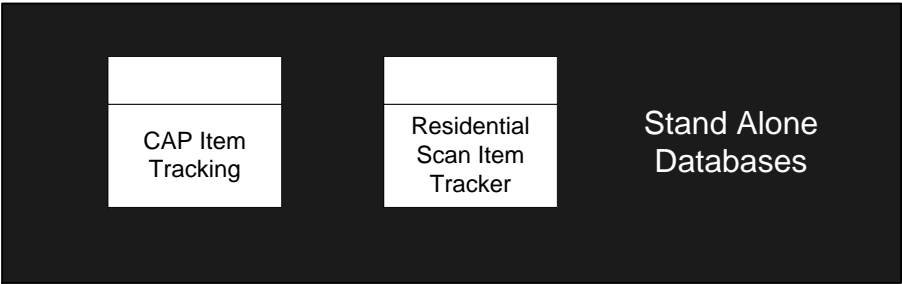
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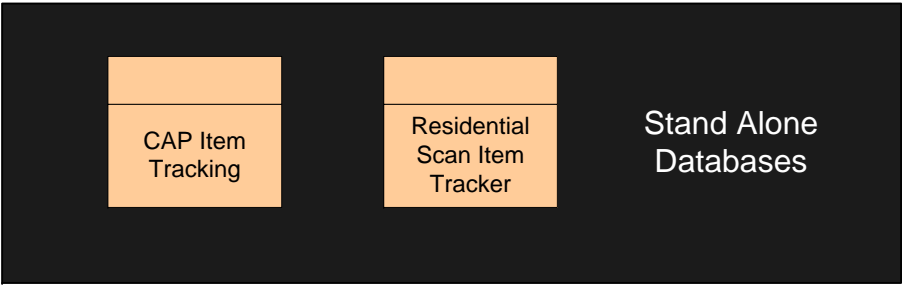


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



Potentially replace





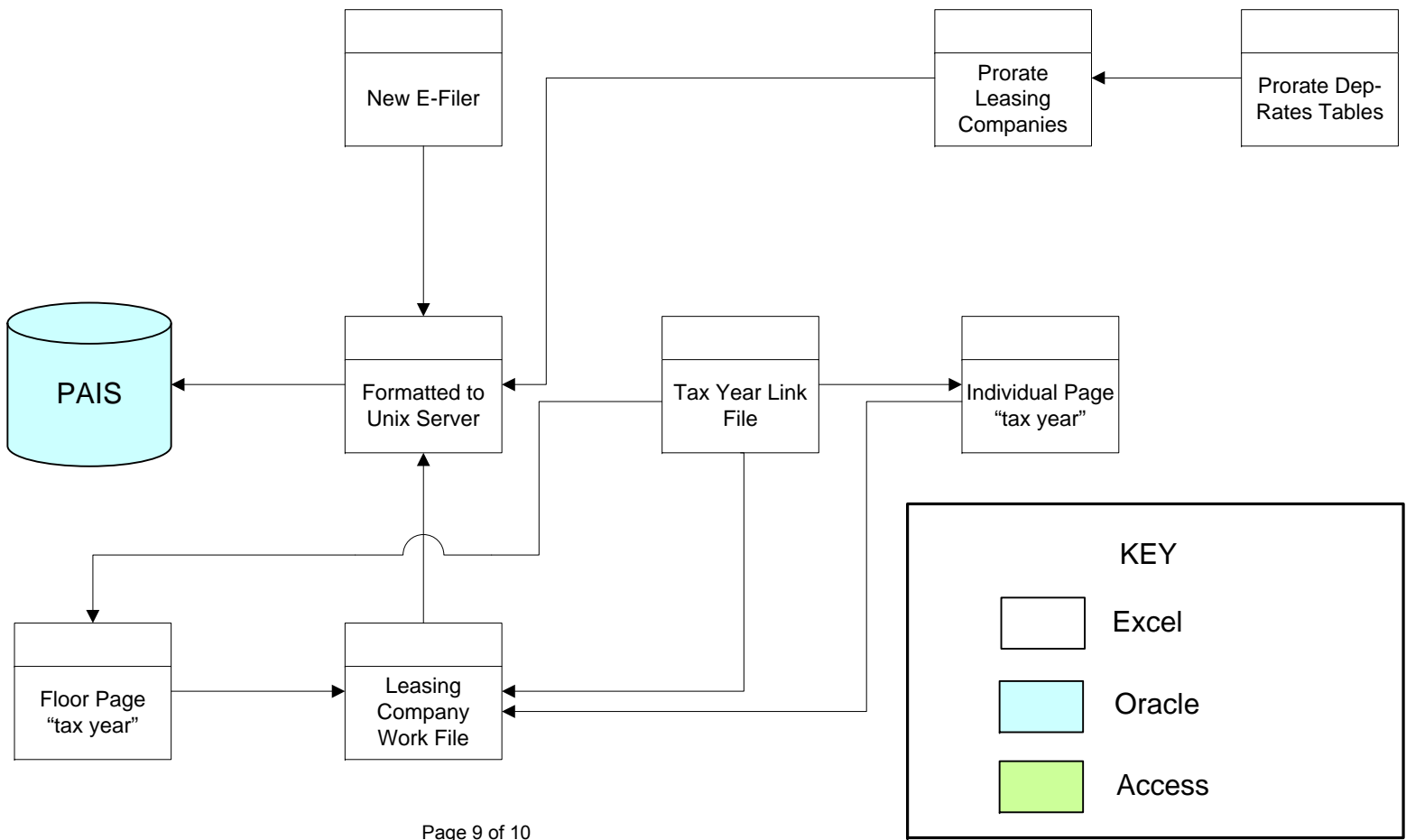
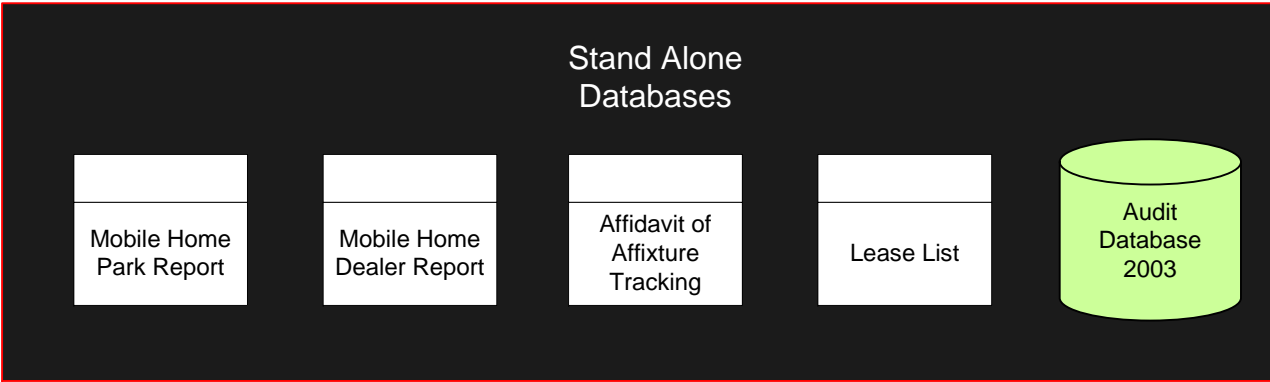
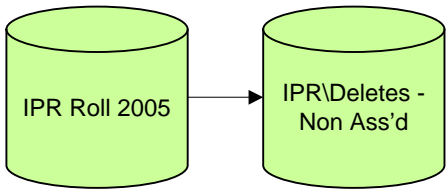
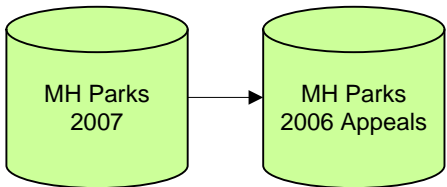
KEY

	Replace
	Do not replace
	Potentially replace

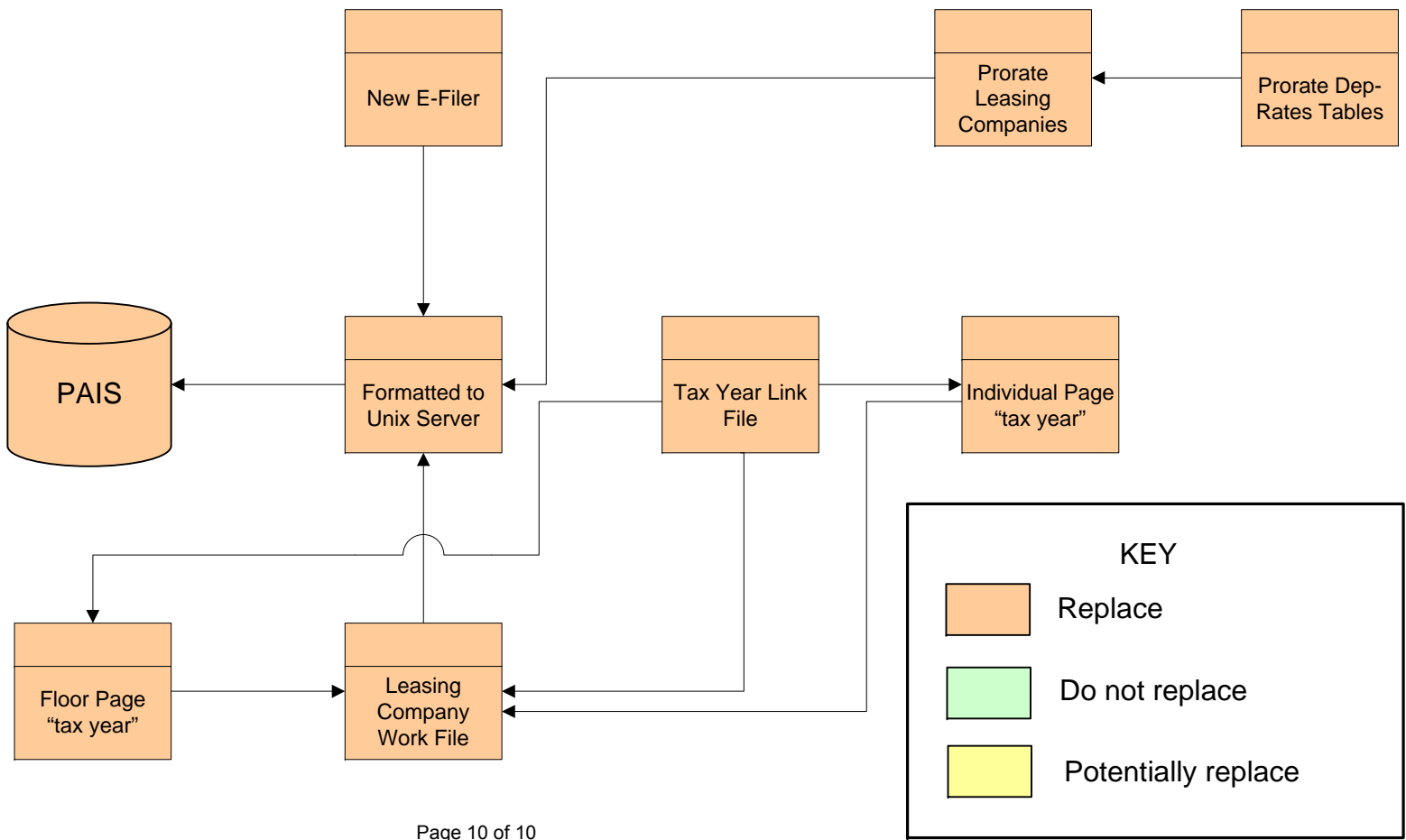
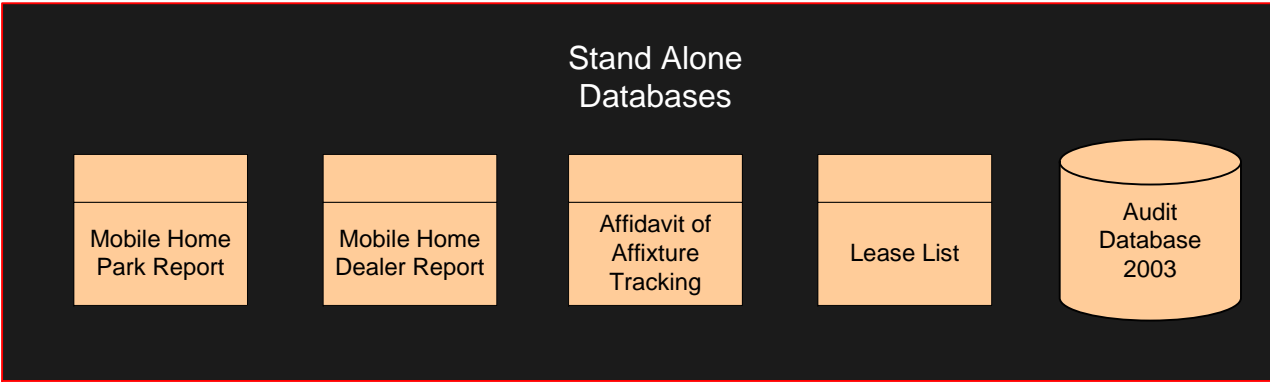
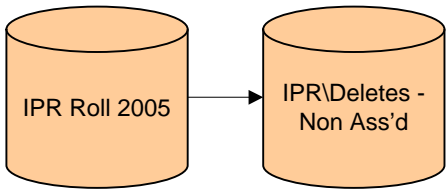
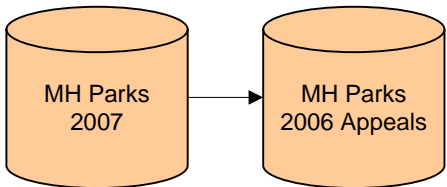
Personal Property
Database
Relationships

Exhibit 23

Database Types

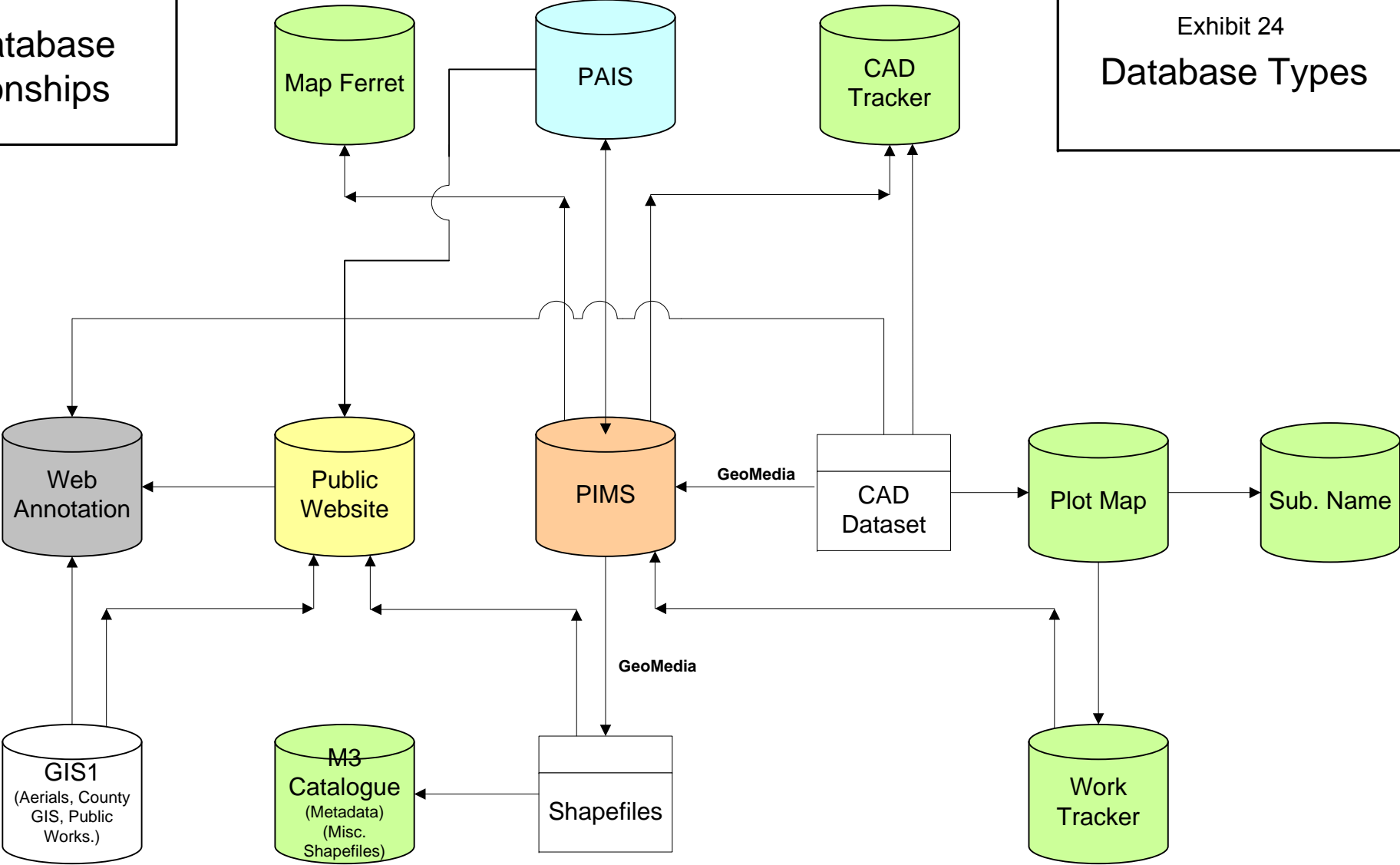


Personal Property
Database
Relationships



GIS Database Relationships

Exhibit 24
Database Types



Stand Alone Databases

- Data Sales** (Access)
- Contact** (Access)
- CD Archive** (Access)

KEY

	Access		Oracle
	Oracle Spatial		SQLServer
	MySQL		

Exhibit 25
Database Inventory
GIS/Mapping Division

Division	Database Name	Database Type
GIS/Mapping Division	PIMS	Oracle
GIS/Mapping Division	Subname	MS Access
GIS/Mapping Division	Taxcode	Microsoft Jet
GIS/Mapping Division	Web_anno	MySQL
GIS/Mapping Division	Worktrak	MS Access
GIS/Mapping Division	Address change	Excel
GIS/Mapping Division	Annotations	Microsoft Jet
GIS/Mapping Division	Cd-archive	MS Access
GIS/Mapping Division	Cadtracker	MS Access
GIS/Mapping Division	Contacts	MS Access
GIS/Mapping Division	DataSales	MS Access
GIS/Mapping Division	ErrorDB	MS Access
GIS/Mapping Division	Ferret	MS Access
GIS/Mapping Division	M3cat	MS Access
GIS/Mapping Division	Map_ferret (Development)	MySQL
GIS/Mapping Division	Plotmap	MS Access
GIS/Mapping Division	Buffer_2_MailingList	Microsoft Jet
GIS/Mapping Division	Special Districts	MS Access
GIS/Mapping Division	Staff Attendance	Excel

DATABASE NAME: PIMS (Property Information Management System)	
Purpose	Spatial Repository QC Data
Owned By (Division / Department)	GIS Division
Users (Residential Appraisers, GIS Technicians, etc.)	CAMA, Data Sales, COD, GIS Techs, GIS Analyst, MapGuide Web
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Oracle
Transaction Volumes	Main Tables, 3,000 rows inserted daily, supporting tales, 100,000 transactions daily
Current Interfaces	VB 6 app, with automation GeoMedia
System Inputs (Manual Data Entry, Import from System X, etc.)	CAD files
System Outputs (Reports)	Parcel, point line, geometry in Oracle Spatial
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: \growth\subname	
Purpose	Sub growth slides project data; Project database used for manipulation of MCR and custom maps; Once a year extraction
Owned By (Division / Department)	GIS
Users (Residential Appraisers, GIS Technicians, etc.)	GIS
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access
Transaction Volumes	Low
Current Interfaces	ArcGIS
System Inputs (Manual Data Entry, Import from System X, etc.)	Import from Plotmap DB (data is scrubbed for use in Sub growth slides project)
System Outputs (Reports)	Maps – Web images
To be replaced by proposed Vendor system or interface required?	Interface

DATABASE NAME: \taxcode	
Purpose	Project Geodatabase that stores Tax Area Code project data
Owned By (Division / Department)	GIS
Users (Residential Appraisers, GIS Technicians, etc.)	GIS
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Microsoft Jet
Transaction Volumes	Low
Current Interfaces	ArcGIS
System Inputs (Manual Data Entry, Import from System X, etc.)	Import from ArcGIS, Secured, PIMS
System Outputs (Reports)	In development
To be replaced by proposed Vendor system or interface required?	Interface

DATABASE NAME: web_anno	
Purpose	Displays map annotation and extents on mapping web page
Owned By (Division / Department)	GIS
Users (Residential Appraisers, GIS Technicians, etc.)	GIS, Internet
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MySQL
Transaction Volumes	+210,000 queries/day
Current Interfaces	MapGuide, ArcMap
System Inputs (Manual Data Entry, Import from System X, etc.)	Import from CAD files
System Outputs (Reports)	Annotation Layer, Zoom GoTo GIS – Maps – Web
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: worktrak	
Purpose	Subdivision setup, subdivision info, mapping tracking info
Owned By (Division / Department)	GIS/Mapping Division
Users (Residential Appraisers, GIS Technicians, etc.)	GIS Techs, Ownership
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access
Transaction Volumes	100-200 splits daily; 900 subdivisions/year
Current Interfaces	Access, PIMS loading interface
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	Setup cards, lots of status reports, PC Screen
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: \pub\corrections\Adress Change.xls	
Purpose	To track address correction requests
Owned By (Division / Department)	GIS/Mapping Division
Users (Residential Appraisers, GIS Technicians, etc.)	Splits/Mapping Staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	20-50 Week
Current Interfaces	Excel
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual Input
System Outputs (Reports)	Tracking List
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: \annotation\annotations	
Purpose	Displays/stores GIS annotation data
Owned By (Division / Department)	GIS/Mapping Division
Users (Residential Appraisers, GIS Technicians, etc.)	GIS/Mapping Division Staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Microsoft Jet
Transaction Volumes	Low
Current Interfaces	ArcGIS
System Inputs (Manual Data Entry, Import from System X, etc.)	Import from ArcGIS
System Outputs (Reports)	Annotation display maps
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: \apps\cd-archive	
Purpose	Catalog of cds; Used to search backup cds
Owned By (Division / Department)	GIS/Mapping Division
Users (Residential Appraisers, GIS Technicians, etc.)	GIS/Mapping Division Staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	No
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access
Transaction Volumes	Low
Current Interfaces	VB6
System Inputs (Manual Data Entry, Import from System X, etc.)	Automated input
System Outputs (Reports)	GIS report (lookup)
To be replaced by proposed Vendor system or interface required?	Neither

DATABASE NAME: Cadtracker	
Purpose	Workflow tracker for CAD files
Owned By (Division / Department)	GIS/Mapping Division
Users (Residential Appraisers, GIS Technicians, etc.)	CAD Technicians
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access
Transaction Volumes	100-200 daily
Current Interfaces	VB6 interface, PIMS loading interface
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	Not applicable
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: contacts	
Purpose	GIS contact data; GIS Phone Book – nothing to do with CAMA
Owned By (Division / Department)	GIS/Mapping Division
Users (Residential Appraisers, GIS Technicians, etc.)	GIS
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access
Transaction Volumes	Few
Current Interfaces	MS Access
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual Input
System Outputs (Reports)	Report Mailing List
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: DataSales	
Purpose	Old data sales application. Mostly replaced by Oracle db. Used to add up deposits.
Owned By (Division / Department)	GIS/Mapping Division
Users (Residential Appraisers, GIS Technicians, etc.)	Administration Division
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access/Oracle (PAAS)
Transaction Volumes	Few
Current Interfaces	MS Access
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual input
System Outputs (Reports)	Deposit report; Sales reports
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: errorDB	
Purpose	Log and track errors on maps; Stand alone database used to track telephone calls submitting errors; Input here and distributed accordingly
Owned By (Division / Department)	GIS/Mapping Division
Users (Residential Appraisers, GIS Technicians, etc.)	Mapping Technicians
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access
Transaction Volumes	25-50 daily
Current Interfaces	VB6 front end
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	Setup cards, lots of status reports
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: ferret	
Purpose	Non-interactive mapping viewing application
Owned By (Division / Department)	GIS/Mapping Division
Users (Residential Appraisers, GIS Technicians, etc.)	Assessor's Office Users Website Users
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access
Transaction Volumes	High
Current Interfaces	VB6, ASP
System Inputs (Manual Data Entry, Import from System X, etc.)	Import from PIMS
System Outputs (Reports)	Plot File – Maps
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: \apps\m3cat\database\m3cat	
Purpose	Metadata for GIS data
Owned By (Division / Department)	GIS/Mapping Division
Users (Residential Appraisers, GIS Technicians, etc.)	GIS/Mapping Division
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	No
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access
Transaction Volumes	Low
Current Interfaces	ASP
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual Input, ArcCatalog
System Outputs (Reports)	In development
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: map_ferret (Development)	
Purpose	Migration of MS Access db to MySQL; Digital photo log, web page shows most current photo, used for web display and appeals
Owned By (Division / Department)	GIS/Mapping Division
Users (Residential Appraisers, GIS Technicians, etc.)	ImageLoader Service
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MySQL
Transaction Volumes	Currently 39,000 photos
Current Interfaces	ImageLoader Service
System Inputs (Manual Data Entry, Import from System X, etc.)	ImageLoader Service
System Outputs (Reports)	Plot File – Maps
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: plotmap	
Purpose	CAD plotting, standards and data
Owned By (Division / Department)	GIS/Mapping Division
Users (Residential Appraisers, GIS Technicians, etc.)	CAD Technicians
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access
Transaction Volumes	100-300 daily
Current Interfaces	MicroStation
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	Online manage to plot map
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Buffer_2_MailingList	
Purpose	Project Geodatabase that processes project data for creating custom mailing lists; Tool only to produce database
Owned By (Division / Department)	GIS/Mapping Division
Users (Residential Appraisers, GIS Technicians, etc.)	GIS/Mapping Division
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Microsoft Jet
Transaction Volumes	Low
Current Interfaces	ArcGIS
System Inputs (Manual Data Entry, Import from System X, etc.)	Import from ArcGIS, Secured
System Outputs (Reports)	Lists
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Special Districts	
Purpose	Used to track special district applications
Owned By (Division / Department)	GIS/Mapping Division
Users (Residential Appraisers, GIS Technicians, etc.)	GIS/Mapping Division Ownership Staff
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	MS Access
Transaction Volumes	Low
Current Interfaces	Not applicable
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	Online view/reports
To be replaced by proposed Vendor system or interface required?	Replace

DATABASE NAME: Staff Attendance	
Purpose	Used to track attendance of GIS/IS staff
Owned By (Division / Department)	GIS/Mapping Division
Users (Residential Appraisers, GIS Technicians, etc.)	GIS/Mapping Manager
Supplied By Vendor? If so, list Vendor Name and Version	No
Developed In-House?	Yes
Database Type (Oracle, Access, SQL Server, Excel, etc.)	Excel
Transaction Volumes	2-5 daily
Current Interfaces	Excel
System Inputs (Manual Data Entry, Import from System X, etc.)	Manual data entry
System Outputs (Reports)	Screen report/view
To be replaced by proposed Vendor system or interface required?	Replace